



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Amendment/Response Transmittal

In re application of: J. Bednorz et al.

Serial No.: 08/479,810

Filed: June 7, 1995

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH  
TRANSITION TEMPERATURE, AND METHODS FOR THEIR  
USE AND PREPARATION

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an Amendment/Response in the above-identified application.

- ☐ No additional fee is required.  
☐ The fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	Other Than Small Entity	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	
TOTAL *	MINUS	**	= 0	x \$22.00= \$
INDEPENDENT *	MINUS	***	= 0	x \$78.00= \$
<input type="checkbox"/> 1ST PRESENTATION OF MULTIPLE DEP. CLAIMS				\$250.00 \$
TOTAL				\$

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☒ Please charge Deposit Account No. 09-0468 any fee necessary to enter this paper.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.  
☒ Any additional filing fees required under 37 C.F.R. §1.16.  
☒ Any patent application processing fees under 37 C.F.R. §1.17.

Date: May 31, 1996

IBM CORPORATION  
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Respectfully submitted,

By Daniel P. Morris  
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#10/Pre-Amend  
B  
C. Queen  
1/8/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: J. Bednorz et al.

Date: May 31, 1996

Serial No.: 08/479,810

Group Art Unit: 1105

Filed: June 7, 1995

Examiner:

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH  
TRANSITION TEMPERATURE, AND METHODS FOR THEIR  
USE AND PREPARATION

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS

B1  
July

1. (Amended) A superconductive apparatus comprising a composition having a transition temperature greater than 26°K, the composition including a rare earth or rare earth-like element, a transition metal element capable of exhibiting multivalent states and oxygen, [and] including at least one phase that exhibits superconductivity at temperature in excess of 26°K; ~~us on;~~ a means for maintaining said composition at said temperature to exhibit said superconductivity and means for passing an electrical supercurrent through said composition while exhibiting said superconductivity.